

**REMARKS**

Claims 24, 31-36 and 39 are pending.

Claims 24, 31-36 and 39 are rejected.

Claims 32, 34 and 39 have been canceled, without prejudice.

Claims 24, 33, 35 and 36 have been amended. Support for these amendments can be found throughout the specification and drawings.

New claims 40 and 41 have been added. Support for these claims can be found throughout the specification and drawings.

The Applicant wishes to express his appreciation to the Examiner for the courtesies extended to the Applicants' attorney, Preston Smirman, during a telephonic interview held on March 22, 2007.

**STATEMENT OF THE SUBSTANCE OF THE INTERVIEW**

The Applicant provides the following statement of the substance of the interview. On March 22, 2007 a telephonic interview initiated by the Applicant was conducted, wherein independent claim 24, and those claims depending therefrom, as well as the drawings, were discussed in light of the objections/rejections of the outstanding Office Action.

The Applicant agreed to either amend or cancel claims 32 and 39 to remove the allegedly conflicting language concerning the first coating material having a lower thermal conductivity than the nozzle body. Upon this premise, agreement was reached that the drawings depicted the claimed invention, and that no changes to the drawings were required. The Applicant agreed to amend claim 24 to more clearly define that the subcombination of the

nozzle body was being claimed, as opposed to a fuel injection system. The Applicant submitted that certain recitations in claim 24 were to convey environmental references and not meant to be positively recited as separate elements of the claim. Proposed amendments to claim 24 were discussed, including adding the limitation of a second coating material having a lower thermal conductivity than that of the nozzle body. The Examiner indicated that such a limitation might place the application in a condition for allowance, but a further search of the art might be necessary.

#### **OBJECTION TO THE DRAWINGS**

The drawings stand objected to under 37 C.F.R. 1.83(a).

The Applicant respectfully traverses the objection to the drawings under 37 C.F.R. 1.83(a).

The Applicant has canceled claims 32 and 39, without prejudice. Accordingly, the feature of the first coating having a lower thermal conductivity than the thermal conductivity than the nozzle body has been removed from the relevant claims. Therefore, the drawings fully depict the claimed invention.

The Applicant submits that the objection to the drawings has been overcome or rendered moot.

#### **35 U.S.C. 112, SECOND PARAGRAPH REJECTION**

Claims 24, 31-36 and 39 stand rejected under 35 U.S.C. 112, second paragraph.

The Applicant respectfully traverses the 35 U.S.C. 112, second paragraph rejection of claims 24, 31-36 and 39.

In the interests of expediting prosecution of the instant application, and without admission that any amendment is required, the Applicant has amended claim 24 to recite the injection nozzle as a subcombination, in accordance with the Examiner's suggestion.

Furthermore, the Applicant has canceled claims 32 and 39, without prejudice. Accordingly, the feature of the first coating having a lower thermal conductivity than the thermal conductivity than the nozzle body has been removed from the relevant claims.

The Applicant submits that the 35 U.S.C. 112, second paragraph rejection of claims 24, 31-36 and 39 has been overcome or rendered moot.

**CONCLUSION**

In view of the foregoing, the Applicant respectfully requests reconsideration and reexamination of the Application. The Applicant respectfully submits that each item raised by Examiner in the Office Action mailed January 26, 2007 has been successfully traversed, overcome or rendered moot by this response. The Applicant respectfully submits that each of the claims in this Application is in condition for allowance and such allowance is earnestly solicited.

The Examiner is invited to telephone the Applicant's undersigned attorney at (248) 723-0487 if any unresolved matters remain.

Any needed extension of time is hereby requested with the filing of this document.

The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 08-2789.

**Respectfully submitted,**

**HOWARD & HOWARD ATTORNEYS, P.C.**

Dated: April 6, 2007

/Preston H. Smirman/

**Preston H. Smirman, Reg. No. 35,365**

39400 Woodward Avenue, Suite 101

Bloomfield Hills, Michigan 48304-5151

(248) 723-0487